

🖤 Sterne Kessler **Goldstein Fox**

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May 18, 2004

WRITER'S DIRECT NUMBER: (202) 772-8771 INTERNET ADDRESS: VBEASTON@SKGF.COM

Art Unit 3746

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 10/706,008; Filed: November 13, 2003

Integrated Turbine Power Generation System With Catalytic Reactor

Inventors:

Willis et al.

Our Ref:

2066.0230002

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. First Supplemental Information Disclosure Statement;
- 2. Listing of cited documents on Form PTO-1449 (14 pages);
- 3. Copies of twelve (12) cited documents (AL1, AM1, AN1 AO1, AP1, AR1, AS1, AT1, AL2, AM2, AN2, and AO2); and
- 4. One Return Postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox Pluc. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skqf.com

Commissioner for Patents May 18, 2004 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Virgil L. Beaston

Attorney for Applicants Registration No. 47,415

VLB/mhd



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Willis et al.

Appl. No.: 10/706,008

Filed: November 13, 2003

For: Integrated Turbine Power

Generation System With Catalytic

Reactor

Confirmation No.: 6536

Art Unit: 3746

Examiner: To Be Assigned

Atty. Docket: 2066.0230002

First Supplemental Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent

application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- El 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.
 - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first

cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

- b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- c. Attached is our PTO-2038 Credit Card Payment Form in the amount of

 ______ in payment of the fee under 37 C.F.R. § 1.17(p).
- 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our PTO-2038 Credit Card Payment Form in the amount of \$______ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:
 - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

	□ b.	Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of
		information in this Information Disclosure Statement was cited in a
		communication from a foreign patent office in a counterpart foreign
		application and, to my knowledge after making reasonable inquiry, was
		known to any individual designated in 37 C.F.R. § 1.56(c) more than
		three months prior to the filing of this Information Disclosure Statement.
		37 C.F.R. § 1.97(e)(2).
<u></u>	The do	ocument(s) was/were cited in a search report by a foreign patent office in a
	counte	rpart foreign application. Submission of an English language version of
	the sea	arch report that indicates the degree of relevance found by the foreign office
	is pro	vided in satisfaction of the requirement for a concise explanation of
	relevai	nce. 1138 OG 37, 38.
☐ 6.	A cone	cise explanation of the relevance of the non-English language document(s)
	appear	s below:
⊠ 7.	Copies	s of the documents AL1, AM1, AN1 AO1, AP1, AR1, AS1, AT1, AL2,
	AM2,	AN2, and AO2 are submitted herewith.
☐ 8.	Copies	s of the documents were cited by or submitted to the Office in an IDS that

complies with 37 C.F.R. § 1.98(a)-(c) in Application No.______, filed

§ 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

, which is relied upon for an earlier filing date under 35 U.S.C.

- 9. No copies of U.S. patents and patent application publications cited on the
 attached Form PTO-1449 are submitted in accordance with 1276 OG 55 because
 this application was filed after June 30, 2003.
- ⊠10. It is expected that the examiner will review the prosecution and cited art in the parent application nos. 09/933,663, filed August 22, 2001; 09/772,537, filed January 29, 2001; 09/420,494, filed October 19, 1999; and 09/207,817, filed December 8, 1998, in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Virgil L. Beaston

Attorney for Applicants Registration No. 47,415

Date:

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

FORM PTO-1449
INFORMATION DISCLOSURE STATE PARTY AND THE P

<u></u>				November 13, 2003	1	3746	
			U.S. F	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	2,864,244	12/1958	Prachar			
	AB1	3,124,924	3/1964	Smith.			
	AC1	3,250,973	5/1966	Dawson			
	AD1	3,569,809	3/1971	Comer			
	AE1	3,591,844	7/1971	Schonebeck			
	AF1	3,703,076	11/1972	Hagemeister			
	AG1	3,724,214	4/1973	Bryant			
	AH1	3,764,815	10/1973	Habock et al.			
	Al1	3,809,914	5/1974	Kilgore et al.			
	AJ1	3,829,758	8/1974	Studtmann			
	AK1	3,937,974	2/1976	Lafuze			
			FORFIC	GN PATENT DOCUMENTS	<u> </u>		
EXAMINER	T	DOCUMENT	FOREIG	SIN FATENT BOCOMENT	3		1
INITIAL		NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	0 472 294	2/1992	EP			Yes
_	AM1	0 679 800	11/1995	EP			Yes
	AN1	0 837 231	4/1998	ÉP			Yes
	AO1	0 901 218	3/1999	EP			Yes
	AP1	WO 94/27359	11/1994	wo			No Yes
	IAFI	OTHER (Including Au	thor, Title, Date, Pertir	ent Pages etc	\	No
	AR	Japanese S Japanese F Turbogene 1	Serial No. 1330 Patent Application of the control	on entitled "Turbogenerate 03/1999. on entitled "Command and stober 27, 1999, Japanese on entitled "Turbogenerate	d Control System Serial No. 30537	and Method for N 5/1999.	A ultiple
	AT	Serial No.2	20231/1998.	en e	on controlle	, illou August 4	, 1990, Japanese
EXAMINER					DATE	CONSIDERED	

		Page 2 of 14
	ATTY. DOCKET NO. 2066.0230002	APPLICATION NO. 10/706,008
FORM PTO-1449	FIRST NAMED INVENTOR Jeffrey W. WILLIS	
INFORMATION DISCLOSURE STATEMENT	FILING DATE November 13, 2003	ART UNIT 3746

DOCUMENT NAME NAME CLASS SUB-CLASS FILING DATE	U.S. PATENT DOCUMENTS										
AB2 4,005,581 2/1977 Aanstad AC2 4,015,187 3/1977 Sasaki et al. AD2 4,039,914 8/1977 Steigerwald et al. AD2 4,039,914 8/1977 Steigerwald et al. AE2 4,093,869 6/1978 Hoffmann et al. AF2 4,119,861 10/1978 Gocho AG2 4,258,424 3/1981 Giras et al. AH2 4,265,099 5/1981 Johnson et al. AI2 4,292,534 9/1981 Diegel et al. AJ2 4,340,820 7/1982 Meyer-Pittroff et al. AK2 4,401,938 8/1983 Cronin FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT DATE COUNTRY CLASS SUB-CLASS TRANSLATION NUMBER WO 99/32/104 6/1998 WO Yes No AM2 WO 99/32/762 7/1999 WO Yes No AM2 WO 99/52/193 10/1999 WO Yes No AM2 WO 99/52/193 10/1999 WO Yes No AM2 WO 00/28/191 5/2000 WO Yes No AM2 AK2 2 AK3 2	EXAMINER INITIAL		NUMB	ER			CL	ASS	SUB-CLASS	FILING DATE	
AC2 4,015,187 3/1977 Sasaki et al. AD2 4,039,914 8/1977 Steigerwald et al. AE2 4,093,869 6/1978 Hoffmann et al. AF2 4,119,861 10/1978 Gocho AG2 4,258,424 3/1981 Giras et al. AH2 4,265,099 5/1981 Johnson et al. AI2 4,292,534 9/1981 Diegel et al. AJ2 4,340,820 7/1982 Meyer-Pittroff et al. AK2 4,401,938 8/1983 Cronin EXAMINER INITIAL DOCUMENT DATE COUNTRY CLASS SUB-CLASS TRANSLATION NUMBER WO 98/25014 6/1998 WO Yes No AM2 AM2 WO 99/32762 7/1999 WO Yes No AM2 AN2 WO 99/52193 10/1999 WO Yes No AM2 AN2 WO 00/28191 5/2000 WO Yes No AM2 AR2 2 AS 2		AA2			11/1976	Kaminski					
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AF2 4,119,861 10/1978 Gocho AG2 4,258,424 3/1981 Giras et al. AH2 4,265,099 5/1981 Johnson et al. AI2 4,292,534 9/1981 Diegel et al. AJ2 4,340,820 7/1982 Meyer-Pittroff et al. AK2 4,401,938 8/1983 Cronin FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER WO SP(25014 6/1998 WO SP(25014 6/1998 WO SP(25014 6/1998 WO SP(25014 6/1999 WO SP(2501		AD2	4,039,	914	8/1977	Steigerwald et al.					
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FOREIGN PATENT DOCUMENTS		AJ2	4,340,	820	7/1982	Meyer-Pittroff et al.					
DOCUMENT NUMBER		AK2	4,401,	938	8/1983	Cronin					
DOCUMENT NUMBER			.!		FOREIG	N PATENT DOCUM	ENTS		<u> </u>		
AL2 WO 98/25014 6/1998 WO Yes No Yes AM2 WO 99/32762 7/1999 WO Yes No AN2 WO 99/52193 10/1999 WO Yes No AO2 AP2 OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR 2 AS 2								CLASS	SUB-CLASS	TRANSLATION	
AM2 WO 99/32762 7/1999 WO Yes AN2 WO 99/52193 10/1999 WO Yes AO2 WO 00/28191 5/2000 WO Yes AO2 AP2 OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR 2 AS 2		AL2			6/1998	wo		-			
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EXAMINER : Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	EXAMINER : Init and not consider	ial if refer ed. Inclu	rence cor de copy	nsidered, who of this form v	ether or not citation with next commun	on is in conformance with Nication to Applicant.	MPEP 609. Dra	w line thro	ough citation if no	t in conformance	
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		Page 3 of 14
	ATTY. DOCKET NO. 2066.0230002	APPLICATION NO. 10/706,008
FORM PTO-1449	FIRST NAMED INVENTOR	
	Jeffrey W. WILLIS	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	November 13, 2003	3746

				U.S. PA	TENT DOCUMENTS			
EXAMINER			JMENT	DATE	NAME	01.400	0110 01 400	511 11 10 DATE
INITIAL	AA3	NUME 4,442,		DATE 4/1984	NAME Van Sickle	CLASS	SUB-CLASS	FILING DATE
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	AB3	4,471,	,229	9/1984	Plohn <i>et al.</i>			
	AC3	4,481,	,459	11/1984	Mehl et al.			
	AD3	4,498,	,551	2/1985	Arbisi			
	AE3	4,551,	,980	11/1985	Bronicki			
	AF3	4,560,	,364	12/1985	Cohen			
	AG3	4,565	,957	1/1986	Gary et al.			
	АН3	4,684,	,814	8/1987	Radomski			
	Al3	4,709,	,318	11/1987	Gephart et al.			
	AJ3	4,719,	,550	1/1988	Powell et al.			
	AK3	4,730,	,397	3/1988	Weiford et al.			
,				FOREIGN	PATENT DOCUMENTS	L		
EXAMINER INITIAL			UMENT IBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3							Yes No
	АМЗ							Yes No
	AN3							Yes No
	AO3							Yes No
	AP3							Yes No
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	AS	3						
	АТ	3						
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and not consider	su. inciuc	ле сору	OF THIS FORM WI	th next communicat	ion to Applicant.			

		Page 4 of 14
	ATTY, DOCKET NO.	APPLICATION NO.
	2066.0230002	10/706,008
FORM PTO-1449	FIRST NAMED INVENTOR	
	Jeffrey W. WILLIS	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	November 13, 2003	3746

				U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUME NUMBER	NT	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA4	4,754,60		7/1988	Mackay			
	AB4	4,757,68	6	7/1988	Kawamura et al.			
	AC4	4,772,80	2	9/1988	Glennon et al.			
	AD4	4,786,85	2	11/1988	Cook			
	AE4	4,802,88	2	2/1989	Heidrich			
	AF4	4,830,41	2	5/1989	Raad et al.			
	AG4	4,833,88	7	5/1989	Kawamura et al.			
	AH4	4,841,21	6	6/1989	Okada et al.			
	Al4	4,862,00	9	8/1989	King			
	AJ4	4,883,97	3	11/1989	Lakey et al.			
	AK4	4,908,56	5	3/1990	Cook et al.			
		l		FOREIG	GN PATENT DOCUMENT	rs .		1
EXAMINER	<u> </u>	DOCUME	NT				1	
INITIAL		NUMBER		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL4	_						Yes No
	AM4							Yes No
	AN4							Yes No
	AO4							Yes No
	AP4							Yes No
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	AS	4						
	АТ	4						
EXAMINER						DATE	CONSIDERED	

		Page 5 of 14
	ATTY. DOCKET NO. 2066.0230002	APPLICATION NO. 10/706,008
FORM PTO-1449	FIRST NAMED INVENTOR	
	Jeffrey W. WILLIS	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	November 13, 2003	3746

		,	<u> </u>	PATENT DOCUMENTS	<u> </u>		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
INITIAL	AA5	4,939,441	7/1990	Dhyanchand	CLASS	30B-CLASS	FILING DATE
	AB5	4,955,199	9/1990	Kawamura			-
	AC5	4,967,096	10/1990	Diemer et al.			
	AD5	4,968,926	11/1990	Dhyanchand			
	AE5	4,982,569	1/1991	Bronicki			
	AF5	5,013,929	5/1991	Dhyanchand			
	AG5	5,015,941	5/1991	Dhyanchand			
	AH5	5,029,062	7/1991	Capel			_
	AI5	5,038,566	8/1991	Hara			
	AJ5	5,055,764	10/1991	Rozman et al.			
	AK5	5,057,763	10/1991	Torii et al.			
	İ	1	FOREIG	GN PATENT DOCUMEN	NTS		
EXAMINER NITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL5			-			Ye N
	AM5						Ye N
	AN5						Ye N
	AO5				-		Ye N
	AP5						Ye
	[AF3	OTHER	(Including A	uthor, Title, Date, Perti	nent Pages, etc	.)	No
	AR	5					
	AS	5					
	AT	5					
EXAMINER	<u> </u>				DATE	CONSIDERED	
		······································		ion is in conformance with MPI			

		Page 6 of 14
	ATTY. DOCKET NO. 2066.0230002	APPLICATION NO. 10/706,008
FORM PTO-1449	FIRST NAMED INVENTOR	· · · · · · · · · · · · · · · · · · ·
	Jeffrey W. WILLIS	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	November 13, 2003	3746

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCU	IMENT BER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA6	5,068,		11/1991	Glennon et al.			
	AB6	5,088,	286	2/1992	Muraji			
	AC6	5,097,	195	3/1992	Raad et al.			
	AD6	5,115,	183	5/1992	Kyoukane et al.			
	AE6	5,158,	504	10/1992	Stocco			-
	AF6	5,191,	520	3/1993	Eckersley			
	AG6	5,214,	371	5/1993	Naidu			
	AH6	5,237,	260	8/1993	Takakado et al.			
	Al6	5,250,	890	10/1993	Tanamachi <i>et al</i> .			
	AJ6	5,252,	860	10/1993	McCarty et al.			
	AK6	5,260,	637	11/1993	Pizzi			
			l	FOREIGN	PATENT DOCUMENTS			
EXAMINER INITIAL			UMENT IBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL6							Yes No
	AM6							Yes No
	AN6							Yes No
	AO6							Yes
	AP6							No Yes
	JAFO	_L	OTHER (ncluding Auth	or, Title, Date, Pertinent F	Pages, etc	.)	No
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		Page 7 of 14
	ATTY, DOCKET NO.	APPLICATION NO.
	2066.0230002	10/706,008
FORM PTO-1449	FIRST NAMED INVENTOR	
	Jeffrey W. WILLIS	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	November 13, 2003	3746

I			U.S. I	PATENT DOCUMENTS		-	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA7	5,281,905	1/1994	Dhyanchand et al.			
	AB7	5,291,106	3/1994	Murty et al.			
	AC7	5,309,081	5/1994	Shah et al.			
	AD7	5,325,043	6/1994	Parro			
-	AE7	5,345,154	9/1994	King			
	AF7	5,363,032	11/1994	Hanson et al.			
	AG7	5,364,309	11/1994	Heidrich et al.	-		
	AH7	5,373,195	12/1994	De Doncker et al.			
	AI7	5,381,081	1/1995	Radun			
	AJ7	5,387,859	2/1995	Murugan et al.			-
	AK7	5,404,092	4/1995	Gegner			
			FOREIG	N PATENT DOCUMENTS	 }		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
L	AL7						Yes No
ı	AM7			·			Yes No
	AN7						Yes No
	A07						Yes No
	AP7						Yes No
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		Page 8 of 14
	ATTY. DOCKET NO. 2066.0230002	APPLICATION NO. 10/706,008
FORM PTO-1449	FIRST NAMED INVENTOR Jeffrey W. WILLIS	
INFORMATION DISCLOSURE STATEMENT	FILING DATE November 13, 2003	ART UNIT 3746

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INITIAL		NUME		DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA8	5,406		4/1995	Kawamura			
	AB8	5,428	,275	6/1995	Carr et al.			
	AC8	5,430	,362	7/1995	Carr et al.			
	AD8	5,477	,091	12/1995	Fiorina et al.			
	AE8	5,488	,286	1/1996	Rozman et al.			
	AF8	5,495	,162	2/1996	Rozman et al.			
	AG8	5,495	,163	2/1996	Rozman et al.		-	
	AH8	5,510	,696	4/1996	Naidu et al.			
	Al8	5,512	,811	4/1996	Latos et al.			
	AJ8	5,544	,484	8/1996	Voss et al.			
	AK8	5,545	,090	8/1996	Kirschey			
	1	·	***	FOREIGN	PATENT DOCUMENTS		1	
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL8							Yes No
	AM8							Yes No
	AN8							Yes No
	AO8							Yes No
	AP8							Yes No
			OTHER (Including Auth	nor, Title, Date, Pertinent	Pages, etc.)	140
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		Page 9 of 14
	ATTY. DOCKET NO. 2066.0230002	APPLICATION NO. 10/706,008
FORM PTO-1449	FIRST NAMED INVENTOR	
	Jeffrey W. WILLIS	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	November 13, 2003	3746

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EXAMINER		DOCUMENT	DATE	NAME	01.400	SUB OLASO	EU INO DATE
INITIAL	AA9	NUMBER 5,546,742	DATE 8/1996	NAME Shekhawat <i>et al.</i>	CLASS	SUB-CLASS	FILING DATE
	743	3,340,742	0/1990	Silekilawat et al.			
	AB9	5,550,410	8/1996	Titus			
	AC9	5,550,455	8/1996	Baker			
	AD9	5,559,421	9/1996	Miyakawa			
	AE9	5,563,802	10/1996	Plahn et al.			
	AF9	5,568,023	10/1996	Grayer et al.	:		
	AG9	5,572,108	11/1996	Windes			
	AH9	5,581,168	12/1996	Rozman et al.			
	AI9	5,587,647	12/1996	Bansal et al.			
	AJ9	5,594,322	1/1997	Rozman et al.			
	AK9	5,637,987	6/1997	Fattic et al.			
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	AL9						Yes No
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		Page 10 of 14	ī
	ATTY. DOCKET NO. 2066.0230002	APPLICATION NO. 10/706,008	
FORM PTO-1449	FIRST NAMED INVENTOR		_
	Jeffrey W. WILLIS		
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT	_
	November 13, 2003	3746	

			U.S. 1	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA10	5,646,458	7/1997	Bowyer et al.			
	AB10	5,656,915	8/1997	Eaves			
	AC10	5,743,227	4/1998	Jacquet et al.			
	AD10	5,767,637	6/1998	Lansberry			
	AE10	5,789,881	8/1998	Egami et al.			
	AF10	5,799,484	9/1998	Nims			
	AG10	5,819,524	10/1998	Bosley et al.			
	AH10	5,847,522	12/1998	Barba			
	Al10	5,903,116	5/1999	Geis et al.			
	AJ10	5,905,346	5/1999	Yamada et al.			
	AK10	5,929,537	7/1999	Glennon			
			FOREIG	N PATENT DOCUMEN	TS		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL10						Yes No
	AM10						Yes No
	AN10						Yes No
	AO10						Yes
	AP10						No Yes
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	· -	Page 11 of 14
ATTY. DOCKET NO. 2066.0230002	APPLICATION NO. 10/706.008	
FIRST NAMED INVENTOR		<u> </u>
Jeffrey W. WILLIS FILING DATE	ART UNIT	
November 13, 2003	3746	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
INTIAL	AA11	5,936,312	8/1999	Koide et al.	OLAGO	COD-OLAGO	TILINO DATE
	AB11	5,939,794	8/1999	Sakai et al.			
	AC11	5,946,086	8/1999	Bruce			
	AD11	5,982,645	11/1999	Levran et al.			
	AE11	5,998,976	12/1999	Steffan			
_	AF11	6,005,297	12/1999	Sasaki et al.			
	AG11	6,020,713	2/2000	Geis et al.			
	AH11	6,023,135	2/2000	Gilbreth et al.			
	Al11	6,031,294	2/2000	Geis et al.			
	AJ11	6,051,951	4/2000	Arai et al.			
	AK11	6,054,776	4/2000	Sumi			
			FOREIC	N PATENT DOCUMEN	NTS	•	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL11						Yes No
	AM11		20.00				Yes No
	AN11						Yes No
	AO11						Yes No
60-73	AP11						Yes No
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		Page 12 of 14
	ATTY. DOCKET NO.	APPLICATION NO.
	2066.0230002	10/706,008
FORM PTO-1449	FIRST NAMED INVENTOR	
	Jeffrey W. WILLIS	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	November 13, 2003	3746

			U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
114111/12	AA12	6,064,122	5/2000	McConnell	OLAGO	000-01700	TILING DATE
	AB12	6,087,734	7/2000	Maeda et al.			
	AC12	6,107,775	8/2000	Rice et al.		 	
	AD12	6,147,414	11/2000	McConnell et al.			
	AE12	6,153,942	11/2000	Roseman et al.			
	AF12	6,169,332 B1	1/2001	Taylor et al.			
	AG12	6,169,334 B1	1/2001	Edelman			
	AH12	6,175,210 B1	1/2001	Schwartz et al.			
	Al12	6,194,794 B1	2/2001	Lampe et al.			
	AJ12	6,093,975	7/2000	Peticolas			
	AK12	6,526,757	03/2003	Mackay			
			FOREIC	N PATENT DOCUMEN	TS	<u> </u>	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL12						Yes No
	AM12						Yes No
	AN12						Yes No
	AO12						Yes No
	AP12						Yes No
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		Page 13 of 14
	ATTY. DOCKET NO. 2066.0230002	APPLICATION NO. 10/706,008
FORM PTO-1449	FIRST NAMED INVENTOR Jeffrey W. WILLIS	
INFORMATION DISCLOSURE STATEMENT	FILING DATE November 13, 2003	ART UNIT 3746

EXAMINER	1	DOCUMENT					
EXAMINER NITIAL		NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA13	6,606,864	08/2003	Mackay	02.00	000 00100	I I I I I I I I I I I I I I I I I I I
	AB13	3,500,105	02/1971	Clifford			
	AC13	3,623,317	11/1971	Foster-Pegg			
	AD13	4 ,062,184	12/1977	Hagen		_	
	AE13	4,724,670	02/1988	Greer			
	AF13	4,781,527	11/1988	Miller			
	AG13	4,785,624	11/1988	Smith et al.			
	AH13	2,772,636	12/1956	Yates			
	Al13	3,161,020	12/1964	LaHaye			
	AJ13	3,313,103	01/1967	Johnson			
	AK13	4,039,804	08/1977	Reed et al.			
		1	FOREIG	N PATENT DOCUMEN	TS		1
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	AL13						Ye
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	AO13						Ye
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		Page 14 of 14		
	ATTY. DOCKET NO. 2066.0230002	APPLICATION NO. 10/706,008		
FORM PTO-1449	FIRST NAMED INVENTOR	<u> </u>		
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INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT		
	November 13, 2003	3746		

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INITIAL		NUME		DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA14	6,487,096		11/2002	Gilbreth et al.			
	AB14	20020	0099476	07/2002	Hamrin et al.			
	AC14	3,313	,103	04/1967	Johnson			
	AD14	3,740,948 5,490,376 6,003,297 2,285,976 3,396,083		01/1973	Kellett			
	AE14			02/1996	Van Der Burgt			
	AF14			12/1999	Ziener			
	AG14			06/1942	Huitson			
	AH14			03/1946	Chase			
	Al14							
	AJ14							
	AK14							
		_		FOREIGN	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL14							Yes No
	AM14							Yes No
	AN14							Yes No
	AO14		11 11					Yes No
	AP14							Yes No
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